

PART B- FEE(S) TRANSMITTAL

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Commissioner for Patents
P.O. Box 1450
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INSTRUCTIONS: This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. **Mail** for correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless directed below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

2292 7590 03/21/2008

BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040-0747

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/718,805 11/24/2003 Rena Y. Jacobson 1215-0496P (000408-078) 3455

TITLE OF INVENTION: FABRICATION OF LTCC T/R MODULES WITH MULTIPLE CAVITIES AND AN INTEGRATED CERAMIC RING FRAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional NO \$1440 \$300 \$0 \$1740 06/23/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
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HESS, DOUGLAS A 3651 198-779000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☒ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
 2 **ANDREWS KURTH LLP**
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Northrop Grumman Corporation

Los Angeles, CA

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), any deficiencies, or credit any overpayment, to Deposit Account Number **50-2849** (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature



Date **June 20, 2008**

Typed or printed name

Michael Ye, Ph.D.

Registration No. **47,195**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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07/16/2008 01:15:01 02:15:04 502B48 DA DA



ATTORNEY DOCKET NO.: 1215-0496P (000408-078)

PATENT APPLICATION

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Rena Y. Jacobson

Confirmation No.: 3455

Application No.: 10/718,805

Examiner: Douglas A. Hess

Filing Date: November 24, 2003

Group Art Unit: 3651

Title: FABRICATION OF LTCC T/R MODULES WITH MULTIPLE CAVITIES AND AN INTEGRATED CERAMIC RING FRAME

ISSUE FEE PAYMENT TRANSMITTAL

Mail Stop Box Issue Fee

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In accordance with the Notice of Allowance and Issue Fee Due mailed March 21, 2008, applicant is submitting herewith the Issue Fee Transmittal (Part B) in the above-captioned application.

Please charge the Issue Fee and publication fee in the amount of **\$1,740.00** to **Deposit Account No. 50-2849**. In the event any variance exists between the amount authorized to be charged and the Patent Office charges, please charge or credit any such variance to **Deposit Account No. 50-2849**.

Also enclosed by separate covers please find a "REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS & STATEMENT UNDER 37 C.F.R. § 3.73(b)." Applicant requests these documents be made of record in the instant application and that all future correspondence be forwarded to the below noted address.

Respectfully submitted,

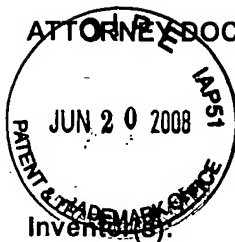
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Facsimile No.: (202) 662-2739

Date: **June 20, 2008**

ATTORNEY'S SOCKET NO.: 1215-0496P (000408-078)

PATENT APPLICATION



IN THE
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Inventor(s): Rena Y. Jacobson

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Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael Ye".

Michael Ye, Ph.D.
Attorney/Agent for Applicant(s)
Reg. No. 47,195

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Date: **June 20, 2008**